

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION
DRAFT FACT SHEET
(Pursuant to NAC 445A.236)

Permittee Clark County Real Property Management

Permit No. NEV2003510

Facility Spring Mountain Youth Camp
Angel Peak Rd, east of SR 158
(near Mt. Charleston)
Clark County
Latitude: 36° 19' 50" North
Longitude: 115° 34' 16" West
Township 19 South - Range 57 East - Sections 9 and 10

General

This permit is for a new package plant and leachfield that will replace a septic tank and mound system. The existing system, consisting of a 1000 gal grease trap, 8000 gal septic tank, dosing tank, and two mound drainfields, failed due to solids carryover from the septic tank. The two mound drainfields replaced a previous single mound that failed due to expansive clay that was used in it's construction. The septic tank will be retained for solids removal upstream of the package plant. The new leachfield is to be constructed under a football field located 1500 linear ft from the plant, at an elevation 24 ft below. The football field will be rebuilt after the leachfield is constructed, and artificial turf is being considered. As of the date of this fact sheet the performance criteria for the package plant had been determined, but the actual manufacturer and model had not been selected.

Receiving Water Characteristics

Due to geological conditions on the mountain, potable water is obtained from a well located approximately three miles away. Groundwater on site is estimated to be over 100 ft deep, with a northwesterly flow direction towards Deer Creek, which is over a mile away.

Rationale for Permit Requirements

Flow: 12,000 gpd (30 day average) Proposed plant design capacity

BOD₅ and TSS: 30 mg/l (30 day average) and 45 mg/l (daily maximum)
Secondary treatment standards

pH: 6.0 to 9.0 Standard Units Secondary treatment standards

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Nitrate as N:10 mg/l Drinking water standard

Monitoring Well A monitoring well will be installed downgradient of the leachfield, completed to a depth of 10 to 20 ft, which is above the water table. The intention is to intercept the effluent prior to surfacing should it move in a lateral direction due plugging or unforeseen to site conditions. The well is to be checked monthly for the presence of water, and sampled for nitrate, chloride, and total dissolved solids should water be found.

Schedule of Compliance

An Operations and Maintenance Manual is to be submitted for approval by the 6 month anniversary of the effective date of the permit.

Procedures for Public Comment

The Notice of the Division's intent to issue discharge permit NEV2003510 authorizing discharge of treated wastewater to groundwater via leachfield, subject to the conditions contained within the permit, is being sent to the **Las Vegas Review Journal** for publication. The notice, this fact sheet, and draft permit are also posted on the Division's web site, at <http://ndep.nv.gov/admin/public.htm>. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing for a period of thirty (30) days following the date of publication of the public notice in the newspaper. The comment period can be extended at the discretion of the Administrator. The deadline by which all written comments are to be postmarked or hand delivered to the Division is Thursday August 21, 2003 by 5:00 pm.

A public hearing on the proposed determination can be requested by the applicant, any affected State or interstate agency, the Regional Administrator, or any interested agency, person, or group of persons. The request must be filed within the comment period and indicate the interest of the person filing the request and the reasons why a hearing is warranted.

Any public hearing the Administrator determines to hold must be conducted in the geographical area of the proposed discharge or any other area the Administrator determines to be appropriate. All public hearings must be conducted in accordance with NAC 445A.238.

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The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination

The Division has made the tentative determination to issue the proposed discharge permit for a five year term.

Prepared by: Robert J. Saunders
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 Bureau of Water Pollution Control
 July 17, 2003